

Fibre Optic Indoor/Outdoor Cable

acc. DIN VDE 0888

HELUCOM®

A/I-DQ(ZN)BH, stranded



Cable structure

Core type: Loose tube
 GRP support element
 Strain relief elements: Glass yarns
 Type of armouring: Glass yarns
 Outer sheath material: FRNC
 Outer sheath colour: Black

Temperature range

Laying, min.: -5°C
 Laying, max.: +50°C
 Operating, min.: -20°C
 Operating, max.: +60°C

Other data

Corrosiveness acc. to EN50267-2-3
 Halogen-free acc. to 60754-2
 Flame-resistance acc. to IEC 60332-1
 Smoke density acc. to IEC 61034
 Longitudinally water-tight acc. to IEC 60794-1-2-F5
 UV-resistant

Designation	No. of fibres	Fibre type	Fibre category	Number of fibres per core	Outer Ø app. mm	Max. tensile force N	Min. stat. bending radius mm	Caloric load app. MJ / m	Max. transverse pressure N / cm	Weight kg / km	Part no.
A/I-DQ(ZN)BH	24	Multimode G50/125	OM2	12	11,0	2700	165,0	2,00	600	90,0	81495
A/I-DQ(ZN)BH	24	Multimode G62.5/125	OM1	12	11,0	2700	165,0	2,00	600	90,0	802263
A/I-DQ(ZN)BH	24	Single-mode E9/125	ITU-T G.652	12	11,0	2700	165,0	2,00	600	90,0	80846
A/I-DQ(ZN)BH	48	Multimode G50/125	OM2	12	11,0	2700	165,0	2,00	600	90,0	802261
A/I-DQ(ZN)BH	48	Multimode G62.5/125	OM1	12	11,0	2700	165,0	2,00	600	90,0	802264
A/I-DQ(ZN)BH	48	Single-mode E9/125	ITU-T G.652	12	11,0	2700	165,0	2,00	600	90,0	802266
A/I-DQ(ZN)BH	48	Single-mode E9/125	ITU-T G.652	12	11,0	2700	165,0	2,00	600	90,0	802281
A/I-DQ(ZN)BH	60	Multimode G50/125	OM2	12	11,0	2700	165,0	2,00	600	90,0	802262
A/I-DQ(ZN)BH	60	Multimode G62.5/125	OM1	12	11,0	2700	165,0	2,00	600	90,0	802265
A/I-DQ(ZN)BH	60	Single-mode E9/125	ITU-T G.652	12	11,0	2700	165,0	2,00	600	90,0	802267
A/I-DQ(ZN)BH	72	Multimode G50/125	OM2	12	11,5	2700	175,0	2,10	600	100,0	802268
A/I-DQ(ZN)BH	72	Multimode G62.5/125	OM1	12	11,5	2700	175,0	2,10	600	100,0	802271
A/I-DQ(ZN)BH	72	Single-mode E9/125	ITU-T G.652	12	11,5	2700	175,0	2,10	600	100,0	802274
A/I-DQ(ZN)BH	84	Multimode G50/125	OM2	12	12,5	3000	190,0	2,40	600	130,0	802269
A/I-DQ(ZN)BH	84	Multimode G62.5/125	OM1	12	12,5	3000	190,0	2,40	600	130,0	802272
A/I-DQ(ZN)BH	84	Single-mode E9/125	ITU-T G.652	12	12,5	3000	190,0	2,40	600	130,0	802275
A/I-DQ(ZN)BH	96	Multimode G50/125	OM2	12	12,5	3000	190,0	2,80	600	130,0	802270
A/I-DQ(ZN)BH	96	Multimode G62.5/125	OM1	12	12,5	3000	190,0	2,80	600	130,0	802273
A/I-DQ(ZN)BH	96	Single-mode E9/125	ITU-T G.652	12	12,5	3000	190,0	2,80	600	130,0	802276

Dimensions and specifications may be changed without prior notice.

Application

These HELUCOM® fibre-optic cables are available either as central bundle core cable or as stranded versions. They are suitable for indoor and outdoor cabling of buildings and facilities. They are used in particular if the installation is to be done in one piece from the inside to the outside without additional use of couplings. With their black UV-resistant outer sheath and the non-metallic rodent protection, they are perfectly suited for outdoor use. The halogen-free outer sheath makes installation inhouse possible without any problems.